

Position Evaluation

Classification:

Environmental Engineer
GS-0819-14

PD#

Organization:

Division
Military and Technical Directorate
Technical Engineering and Construction Division

1. Reference:

OPM PCS Environmental Engineering Series, GS-0819, Apr 78

2. Series and Title Determination:

Position serves as Division senior Environmental Engineer and technical coordinator for all environmental engineering aspects of Civil Works, Military, HTRW and SFO projects designed, built and operated throughout the Division. Work requires knowledge and application of the principles, methods, and techniques of engineering concerned with facilities and systems for controlling pollution and protecting the quality of resources and the environment with an understanding of and the ability to utilize pertinent aspects of chemistry, biological sciences, and public health pertaining to the control or elimination of pollutants as identified with environmental engineering in above referenced standard. Position is assigned to the GS-0819 series and appropriately titled as Environmental Engineer.

3. Grade Determination:

Grade of the position is determined by application of specific grading standards for environmental engineering, reference para 1 above. Summary of the 9 factor evaluation as included in position description is provided as follows:

Factor 1 – Knowledge Required by the Position	Level 1-8	1550 pts
Mastery in the field of environmental engineering capable of applying new developments and experienced knowledge and judgment in solving novel and obscure environmental problems and development of new approaches for use by other engineers, etc. Exceeds level 7 of this factor in the ability to apply or develop new methods, practices and concepts beyond the application or modification of standard practices		

Factor 2 – Supervisory Controls	Level 2-5.	650 pts
As a recognized authority in environmental engineering working under only administrative supervision in resolving problems or providing advice and direction to field organizations in the resolvment of complex problems for which technical guidance may not be accessible or available.		

Factor 3 – Guidelines Level 3-5 650 pts
Broad and general guidance requiring development of new and or improved methods or guidance in solving problems of complex or unknown environmental features and use by other specialists in the field.

Factor 4 – Complexity Level 4-5 325 pts
Geographical area of Districts within states including a wide range of environmental situations requiring ability to modify standard guides or develop new techniques and approaches for problem resolution.

Factor 5 – Scope and Effect Level 5-5 325 pts
Program involving a broad range of engineering activities affecting work both within and outside the MSC.

Factor 6 – Personal Contacts Level 6-3 60 pts
High level professional representatives of other agencies and public positions, etc.

Factor 7 – Purpose of Contacts Level 7-3 120 pts
To influence or persuade the adoption of technical methods or negotiate agreements involving conflicting interests.

Factor 8 – Physical Demands Level 8-1 5 pts
Primarily sedentary

Factor 9 – Work Environment Level 9-1 5 pts
Primarily typical office setting with infrequent possible exposure to hazardous materials requiring use of protective clothing.

Evaluation Summary: Evaluation of the 9 FES factors provides a total of 3690 points, falling within the range of 3605-4050 points for conversion to GS-14 as provided by FES grade conversion chart.

3. Conclusion:

Position is properly classified as: Environmental Engineer, GS-0819-14